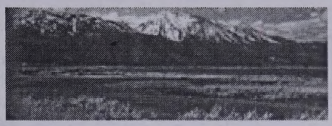

Montana State Basin Outlook Report for February, 2004

MONTANA Water Supply Outlook Report as of February 1, 2004

Mountain precipitation for January was below average across most of Montana. Basins in northwest and northcentral Montana received 3 to 4 inches of snow water the last week in January bringing their January precipitation totals to near average. All major river basins have snow water contents above last year with the exception of the Yellowstone where snow water content is about the same as last year. On February 1, the snowpack is about two thirds of the normal peak.

SNOWPACK

Mountain snowpack statewide was 100 percent of average and 136 percent of last year. West of the Continental Divide, snowpack was 100 percent of average and 141 percent of last year and East of the continental Divide, snowpack was 94 percent of average and 128 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR	JANUARY % CHANGE
COLUMBIA	100	132	0
KOOTENAI, MONTANA	101	140	+2
KOOTENAI, CANADA	96	151	+3
FLATHEAD, MONTANA	99	143	+9
FLATHEAD, CANADA	95	193	+3
UPPER CLARK FORK	100	133	-5
BITTERROOT	104	128	-12
LOWER CLARK FORK	105	157	0
MISSOURI	103	148	-6
MISSOURI HEADWATERS	100	132	-7
JEFFERSON	96	123	-4
MADISON	107	146	-7
GALLATIN	96	130	-5
MISSOURI MAINSTEM	108	178	+2
HEADWATERS MAINSTEM	95	124	-9
SMITH-JUDITH-MUSSELSHELL	109	147	0
SUN-TETON-MARIAS	97	186	+8
MILK	156	--	--
BEARPAW MOUNTAINS	163	--	-12
CYPRESS HILLS, CANADA	150	--	--
ST. MARY	92	126	+10
ST. MARY & MILK	116	222	+14
YELLOWSTONE	85	109	-11
UPPER YELLOWSTONE	88	104	-7
LOWER YELLOWSTONE	82	109	-12
WIND	79	112	-10
SHOSHONE	81	95	-7
BIGHORN	84	108	-8
TONGUE	78	98	-20
POWDER	91	138	-28

PRECIPITATION

January mountain and valley precipitation across the state was 95 percent of average and 90 percent of last year, while the water year precipitation was 98 percent of average and 139 percent of last year.

West of the Continental Divide, January mountain and valley precipitation

was 99 percent of average and 90 percent of last year and the water year precipitation was 97 percent of average and 133 percent of last year. East of the Divide, January mountain and valley precipitation was 92 percent of average and 90 percent of last year and the water year precipitation was 99 percent of average and 144 percent of last year.

RIVER BASIN	JANUARY % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	99	97
KOOTENAI	101	105
FLATHEAD	116	97
UPPER CLARK FORK	93	96
BITTERROOT	80	100
LOWER CLARK FORK	95	96
MISSOURI	99	103
JEFFERSON	88	93
MADISON	92	104
GALLATIN	78	91
MISSOURI MAINSTEM	112	109
SMITH-JUDITH-MUSSELSHELL	95	114
SUN-TETON-MARIAS	107	97
MILK	197	147
ST. MARY	105	93
YELLOWSTONE	65	87
UPPER YELLOWSTONE	70	90
LOWER YELLOWSTONE	63	85
WIND	59	80
SHOSHONE	80	93
BIGHORN	46	81
TONGUE	41	80
POWDER	61	81

RESERVOIRS

Major reservoir storages statewide were 83 percent of average and 91 percent of last year. Reservoir storage west of the Continental Divide was 119 percent of average and 93 percent of last year. East of the Continental Divide, reservoir storages were 71 percent of average and 90 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	119	93
KOOTENAI	144	95
FLATHEAD	109	96
UPPER CLARK FORK	92	94
BITTERROOT	75	128
LOWER CLARK FORK	42	39
MISSOURI	70	89
JEFFERSON	36	84
MADISON	105	97
GALLATIN	135	104
MISSOURI MAINSTEM	69	89
SMITH-JUDITH-MUSSELSHELL	35	104
SUN-TETON-MARIAS	105	90
MILK	54	52
ST. MARY	54	123
YELLOWSTONE	86	114
UPPER YELLOWSTONE	108	91
LOWER YELLOWSTONE	84	115

STREAMFLOW

Assuming normal precipitation across Montana, streamflows are forecast to average 79 to 93 percent. West of the Continental Divide, streamflows are forecast to average 96 and 108 percent. East of the Continental Divide, streamflows are forecast to average 77 and 92 percent. Streamflows are expected to be much improved over last year but areas east of the divide most likely will remain below average again this spring and summer. There

still could be surface water shortages in August and September depending upon summer rain and temperatures.

Below are averaged river basin streamflow forecast summaries for the period April 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL SPRING CONDITIONS AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR WELL ABOVE AVERAGE (130% or more) SNOWMELT OR SPRING RAIN. Specific forecast probabilities are available in each individual River Basin Report.

RIVER BASIN	April-July THIS YEAR % OF AVERAGE	April-July LAST YEAR % OF AVERAGE
COLUMBIA	96 to 108	53 to 65
KOOTENAI	98 to 108	62 to 72
FLATHEAD	96 to 105	57 to 65
UPPER CLARK FORK	93 to 110	46 to 63
BITTERROOT	102 to 113	61 to 72
LOWER CLARK FORK	95 to 106	48 to 57
MISSOURI	77 to 93	37 to 52
JEFFERSON	78 to 96	39 to 56
MADISON	95 to 103	59 to 66
GALLATIN	81 to 93	51 to 63
MISSOURI MAINSTEM	81 to 96	45 to 62
SMITH-JUDITH-MUSSELSHELL	83 to 102	24 to 37
SUN-TETON-MARIAS	75 to 94	30 to 45
MILK	45 to 64	24 to 36
ST. MARY	86 to 92	64 to 70
YELLOWSTONE	77 to 89	47 to 57
UPPER YELLOWSTONE	85 to 96	59 to 70
LOWER YELLOWSTONE	65 to 79	30 to 39

NOTE: The APRIL-JULY LAST YEAR % OF AVERAGE column above is what was forecast last year, NOT what actually occurred.

SURFACE WATER SUPPLY INDEX

The Surface Water Supply Index (SWSI) is a measure of available surface water availability for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

This year SWSI	Last year SWSI	Basin
+1.3	-2.3	Tobacco River
+0.6	-0.6	Kootenai Ft. Steele to Libby Dam
+1.8	-0.6	Kootenai River below Libby Dam
+0.2	-2.3	Fisher River
+0.5	-2.4	Yaak River
0.0	-2.8	North Fork Flathead River
-0.4	-2.9	Middle FORK Flathead River
+0.5	-2.2	South Fork Flathead River
+0.3	-3.0	Flathead River at Columbia Falls
+0.4	-2.7	Stillwater/Whitefish Rivers
-0.2	-3.3	Swan River
+0.4	-3.0	Flathead River at Polson
-1.3	-2.3	Mission Valley
-1.5	-2.4	Little Bitterroot River
+0.7	-2.4	Clark Fork River above Milltown
+0.8	-2.9	Blackfoot River

+0.5	-2.3	Bitterroot River
+0.7	-2.5	Clark Fork River below Bitterroot River
+0.5	-2.8	Clark Fork River below Flathead River
-2.8	-3.4	Beaverhead River
-1.9	-3.9	Ruby River
-0.6	-2.2	Big Hole River
-1.0	-2.3	Boulder River (Jefferson)
-1.6	-2.5	Jefferson River
+0.2	-2.3	Madison River
-1.4	-2.9	Gallatin River
-0.6	-2.5	Missouri River above Canyon Ferry
-0.6	-2.3	Missouri River below Canyon Ferry
-0.1	-1.9	Smith River
-0.8	-3.9	Sun River
-0.7	-2.9	Teton River
-1.7	-2.4	Birch/Dupuyer Creeks
-1.8	-2.2	Marias River above Tiber
0.0	-0.8	Marias River below Tiber
-0.1	-3.3	Musselshell River
-0.6	-1.3	Missouri River above Ft. Peck
-3.9	-2.7	Missouri River below Ft. Peck
-2.3	-2.5	Milk River
-1.8	-2.4	Dearborn River near Craig
0.0	-2.6	Yellowstone River above Livingston
0.0	-2.8	Shields River
-2.1	-3.5	Boulder River (Yellowstone)
-1.6	-3.1	Stillwater River
-1.4	-1.9	Rock/Red Lodge Creeks
-1.7	-2.8	Clarks Fork River
-0.7	-2.8	Yellowstone River above Bighorn River
-2.1	-3.9	Bighorn River below Bighorn Lake
-2.8	-2.4	Little Bighorn River
-1.3	-3.3	Yellowstone River below Bighorn River
-2.4	-3.4	Tongue River
-1.2	-3.9	Powder River

KOOTENAI RIVER BASIN in Montana as of February 1, 2004

Snowpack conditions in the Kootenai River Basin (Montana) were near average and increased 9 percent from January 1. Snow water content was 101 percent of average and 140 percent of last year. Snow water content in the Kootenay in Canada was 96 percent of average and 151 percent of last year.

Mountain precipitation during January was 102 percent of average and 112 percent of last year. Valley precipitation during January was 83 percent of average and 85 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 105 percent of average and 140 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 98 percent to 108 percent.

Lake Koocanusa storage was 144 percent of average and 95 percent of last year.

Surface Water Supply Index (SWSI) was +1.3 in the Tobacco River; +0.6 in the Kootenai Ft. Steele to Libby Dam; +1.8 in the Kootenai River below Libby Dam; +0.2 in the Fisher River; and +0.5 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === Future Conditions === Wetter ===> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
TOBACCO RIVER nr Eureka							
APR-JUL	109	131	147	108	163	185	136

APR-SEP	120	145	162	108	179	204	150
LIBBY RES Inflow (1,2)							
APR-JUL	3880	4930	5410	96	5890	6940	5640
APR-SEP	4840	5890	6370	96	6850	7900	6640
FISHER RIVER nr Libby							
APR-JUL	130	181	215	94	250	300	230
APR-SEP	141	194	230	94	265	320	245
YAAK RIVER nr Troy							
APR-JUL	305	370	415	94	460	525	440
APR-SEP	320	390	435	95	480	550	460
KOOTENAI at Leonia (1,2)							
APR-JUL	5550	6400	6790	96	7180	8030	7040
APR-SEP	7630	7770	7830	96	7890	8030	8120

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** This Year	Usable Storage Last Year	********* Average
LAKE KOOCANUSA	5748.0	3454.0	3655.0	2400.9

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
KOOTENAY in CANADA	9	153	101
KOOTENAI MAINTSTEM	3	149	117
TOBACCO	3	136	101
FISHER	1	173	99
YAAK	6	132	87
KOOTENAI in MONTANA	13	140	101
KOOTENAI ab BONNERS FERRY	22	144	101

□ FLATHEAD RIVER BASIN as of February 1, 2004

Snowpack conditions in the Flathead River Basin (Montana) were near average and increased 9 percent from January 1. Snow water content was 99 percent of average and 143 percent of last year. Flathead in Canada was 95 percent of average and 193 percent of last year.

Mountain precipitation during January was 115 percent of average and 123 percent of last year. Valley precipitation during January was 134 percent of average and 146 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 97 percent of average and 145 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 96 percent to 105 percent.

Combined Camas reservoir storage was 33 percent of average and 43 percent of last year; Lower Jocko Lake was 0 percent of average and 0 percent of last year; combined Mission Valley reservoir storage was 70 percent of

average and 89 percent of last year; Hungry Horse storage was 115 percent of average and 105 percent of last year; and Flathead Lake storage was 98 percent of average and 78 percent of last year.

Surface Water Supply Index (SWSI) was 0.0 in the North Fork Flathead River; -0.4 in the Middle Fork Flathead River; +0.5 in the South Fork Flathead River; +0.3 in the Flathead River at Columbia Falls; +0.4 in the Stillwater/Whitefish Rivers; -0.2 in the Swan River; +0.4 in the Flathead River at Polson; -1.3 in the Mission Valley; and -1.5 in the Little Bitterroot River.

FLATHEAD RIVER BASIN
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NF FLATHEAD nr Columbia Falls							
APR-JUL	1290	1450	1560	96	1670	1830	1620
APR-SEP	1440	1610	1730	96	1850	2020	1800
MF FLATHEAD nr West Glacier							
APR-JUL	1270	1430	1530	96	1630	1790	1590
APR-SEP	1400	1560	1670	96	1780	1940	1740
HUNGRY HORSE Reservoir Inflow (1,2)							
APR-JUL	1430	1780	1940	97	2100	2450	2000
APR-SEP	1440	1850	2040	96	2230	2640	2120
FLATHEAD at Columbia Falls (2)							
APR-JUL	4120	4730	5140	96	5550	6160	5355
APR-SEP	4500	5150	5590	96	6030	6680	5830
STILLWATER nr Whitefish							
APR-JUL	122	163	190	99	217	257	192
APR-SEP	137	181	210	100	240	285	210
WHITEFISH nr Kalispell							
APR-JUL	74	89	99	98	109	124	101
APR-SEP	82	99	111	97	123	140	114
ASHLEY CREEK nr Marion (2)							
APR-JUL	3.19	4.90	6.00	83	7.10	8.80	7.20
MAR-VOL			0.90	85			1.06
SWAN RIVER nr Bigfork							
APR-JUL	415	495	545	97	595	675	565
APR-SEP	460	550	610	95	670	760	645
Flathead Lake inflow (1,2)							
APR-JUL	4790	5640	6020	97	6400	7250	6180
APR-SEP	4700	5960	6530	98	7100	8360	6700

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

FLATHEAD RIVER BASIN
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********** This Year	Last Year	********* Average

CAMAS (4)	45.2	6.8	16.0	20.3
LOWER JOCKO LAKE	----	0.0	0.0	0.1
MISSION VALLEY (8)	100.0	24.3	27.3	34.7
HUNGRY HORSE	3451.0	2551.0	2427.0	2214.7
FLATHEAD LAKE	1791.0	955.6	1218.0	971.2

FLATHEAD RIVER BASIN
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Last Year	Percent of Average
NF FLATHEAD in CANADA	1	216	104
NF FLATHEAD in MONTANA	7	125	98
MIDDLE FORK FLATHEAD	5	153	99
SOUTH FORK FLATHEAD	6	159	101
STILLWATER-WHITEFISH	7	131	103
SWAN	6	139	97
MISSION VALLEY	3	139	95
LITTLE BITTERROOT-ASHLEY	4	183	97
JOCKO	4	134	96
FLATHEAD in MONTANA	30	143	99
FLATHEAD RIVER BASIN	31	144	99

UPPER CLARK FORK RIVER BASIN as of February 1, 2004

Snowpack conditions in the Upper Clark Fork River Basin were average and decreased 5 percent from January 1. Snow water content was 75 percent of average and 91 percent of last year.

Mountain precipitation during January was 93 percent of average and 73 percent of last year. Valley precipitation during January was 109 percent of average and 101 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 96 percent of average and 129 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 93 percent to 110 percent.

East Fork Rock Creek storage was 60 percent of average and 104 percent of last year; Georgetown Lake storage was 103 percent of average and 98 percent of last year; Lower Willow Creek storage was 71 percent of average and 71 percent of last year; and Nevada Creek storage was 91 percent of average and 72 percent of last year.

Surface Water Supply Index (SWSI) was +0.7 in the Clark Fork River above Milltown; and +0.8 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions — Chance of Exceeding * — 50% (1000AF)	(% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
LITTLE BLACKFOOT nr Garrison							
APR-JUL	32	58	76	100	94	120	76
APR-SEP	38	65	84	100	103	130	84
FLINT CREEK nr Southern Cross							
APR-JUL	5.7	9.9	12.8	93	15.7	19.9	13.7
APR-SEP	6.2	11.5	15.0	93	18.5	24	16.2
FLINT CREEK blw Boulder Ck							
APR-JUL	24	39	50	89	61	76	56

APR-SEP	33	51	64	90	77	95	71
LOWER WILLOW CK RES Inflow							
APR-JUL	4.4	8.2	10.7	86	13.2	17.0	12.5
MF ROCK CREEK nr Philipsburg							
APR-JUL	42	54	62	97	70	82	64
APR-SEP	47	60	69	96	78	91	72
ROCK CREEK nr Clinton							
APR-JUL	147	210	250	93	290	355	270
APR-SEP	168	235	280	92	325	390	305
CLARK FORK abv Milltown							
APR-JUL	280	445	560	93	675	840	605
APR-SEP	335	525	650	92	775	965	705
NEVADA CREEK nr Helmville							
APR-JUL	8.5	13.0	16.0	93	19.0	24	17.3
BLACKFOOT RIVER nr Bonner							
APR-JUL	490	645	755	94	865	1025	805
APR-SEP	560	725	840	94	955	1125	890
CLARK FORK abv Missoula							
APR-JUL	940	1170	1320	94	1470	1700	1410
APR-SEP	1070	1320	1490	93	1660	1910	1600

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
EAST FORK ROCK CREEK	15.6	5.6	5.3	9.1
GEORGETOWN LAKE	31.0	28.2	28.7	27.4
LOWER WILLOW CREEK	4.9	1.2	1.7	1.7
NEVADA CREEK	12.6	4.2	5.8	4.6

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
CLARK FORK ab FLINT CREEK	10	120	92
FLINT CREEK	6	110	92
ROCK CREEK	3	104	87
CLARK FORK ab BLACKFOOT	16	115	92
BLACKFOOT	14	151	105
UPPER CLARK FORK BASIN	28	133	100

BITTERROOT RIVER BASIN as of February 1, 2004

Snowpack conditions in the Bitterroot River Basin were near average and decreased 12 percent from January 1. Snow water content was 104 percent of average and 128 percent of last year.

Mountain precipitation during January was 83 percent of average and 61

percent of last year. Valley precipitation during January was 35 percent of average and 17 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 100 percent of average and 121 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 102 percent to 113 percent.

Painted Rocks Lake storage was 94 percent of average and 118 percent of last year and Como storage was 63 percent of average and 140 percent of last year.

Surface Water Supply Index (SWSI) was +0.5 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === Future Conditions === Wetter ===> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
WF BITTERROOT nr Conner (2)							
APR-JUL	98	128	148	104	168	198	143
APR-SEP	107	140	162	103	184	216	157
BITTERROOT nr Darby							
APR-JUL	315	400	455	99	510	595	460
APR-SEP	365	450	510	99	570	655	515
COMO RESERVOIR Inflow							
APR-JUL	74	82	88	113	94	102	78
APR-SEP	78	86	92	112	98	106	82
SKALKAHO CK nr Hamilton							
APR-JUL	27	36	42	96	48	57	44
APR-SEP	32	42	48	96	54	64	50
BITTERROOT at Missoula							
APR-JUL	950	1100	1210	97	1320	1470	1250
APR-SEP	1040	1200	1310	96	1420	1580	1370

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

BITTERROOT RIVER BASIN
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
PAINTED ROCKS LAKE	31.7	6.6	5.6	7.0
COMO	34.9	7.0	5.0	11.1

BITTERROOT RIVER BASIN
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WEST FORK BITTERROOT	2	120	101
EAST SIDE BITTERROOT	3	110	95

WEST SIDE BITTERROOT	3	141	110
BITTERROOT RIVER BASIN	7	128	104

□ LOWER CLARK FORK RIVER BASIN as of February 1, 2004

Snowpack conditions in the Lower Clark Fork River Basin were near average and remained the same as January 1. Snow water content was 105 percent of average and 155 percent of last year.

Mountain precipitation during January was 100 percent of average and 82 percent of last year. Valley precipitation during January was 77 percent of average and 75 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 96 percent of average and 127 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 95 percent to 106 percent.

Noxon Rapids storage was 42 percent of average and 39 percent of last year. Surface Water Supply Index (SWSI) was +0.7 in the Clark Fork River below Bitterroot River and +0.5 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions Chance of Exceeding * 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
CLARK FORK blw Missoula							
APR-JUL	1940	2290	2530	95	2770	3120	2660
APR-SEP	2170	2550	2810	95	3070	3450	2960
CLARK FORK at St. Regis (1)							
APR-JUL	1860	2880	3340	95	3800	4820	3520
APR-SEP	2060	3190	3710	95	4230	5360	3910
CLARK FORK nr Plains (1,2)							
APR-JUL	6650	8710	9650	96	10590	12650	10100
APR-SEP	7300	9570	10600	96	11630	13900	11100
THOMPSON nr Thompson Falls							
APR-JUL	105	153	185	90	218	263	205
APR-SEP	126	176	210	91	245	295	230
PROSPECT CREEK at Thompson Falls							
APR-JUL	79	100	114	98	128	149	116
APR-SEP	85	107	122	98	137	159	124
CLARK FK at Whitehorse Rpds (1,2)							
APR-JUL	7160	9530	10600	94	11670	14040	11300
APR-SEP	7820	10420	11600	93	12780	15380	12500

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

LOWER CLARK FORK RIVER BASIN
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********** This Year	Last Year	********* Average

NOXON RAPIDS	335.0	129.1	329.5	310.9

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
LOWER CLARK FORK BASIN	8	157	105

□ JEFFERSON RIVER BASIN as of February 1, 2004

Snowpack conditions in the Jefferson River Basin were near average and decreased 4 percent from January 1. Snow water content was 96 percent of average and 123 percent of last year.

Mountain precipitation during January was 88 percent of average and 75 percent of last year. Valley precipitation during January was 82 percent of average and 79 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 88 percent of average and 93 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 78 percent to 96 percent.

Lima storage was 21 percent of average and 58 percent of last year; Clark Canyon storage was 29 percent of average and 84 percent of last year; and Ruby River storage was 93 percent of average and 97 percent of last year.

Surface Water Supply Index (SWSI) was -2.8 in the Beaverhead River; -1.9 in the Ruby River; -0.6 in the Big Hole River; -1.0 in the Boulder River; and -1.6 in the Jefferson River as a whole.

JEFFERSON RIVER BASIN
Streamflow Forecasts - February 1, 2004

Forecast Pt / Period	<=== Drier === Future Conditions === Wetter ===> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
LIMA RESERVOIR Inflow (2)							
APR-JUL	53	78	95	99	112	137	96
APR-SEP	50	80	100	96	120	150	104
CLARK CANYON Inflow (2)							
APR-JUL	81	109	129	99	149	177	131
APR-SEP	86	122	147	94	172	207	156
BEAVERHEAD RIVER at Barretts (2)							
APR-JUL	87	135	168	100	201	251	168
APR-SEP	96	154	193	97	233	288	200
RUBY RIVER Reservoir Inflow							
APR-JUL	38	53	63	75	73	88	84
APR-SEP	47	64	76	75	88	105	101
BIG HOLE RIVER at Wisdom							
APR-JUL	62	91	110	91	129	158	121
APR-SEP	67	97	118	91	139	169	130
BIG HOLE RIVER nr Melrose							
APR-JUL	365	505	600	98	695	835	610
APR-SEP	400	555	655	99	755	910	660

BOULDER RIVER nr Boulder							
APR-JUL	31	57	75	96	93	119	78
APR-SEP	34	62	81	95	100	128	85
WILLOW CREEK Reservoir Inflow							
APR-JUL	6.4	13.7	18.6	104	23	31	17.9
APR-SEP	6.9	15.3	21	105	27	35	20
JEFFERSON RIVER nr Three Forks (2)							
APR-JUL	440	645	780	100	915	1115	780
APR-SEP	475	695	840	98	985	1200	860

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

JEFFERSON RIVER BASIN
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** This Year	Usable Storage ********* Last Year	Average
LIMA	84.0	7.0	12.0	34.0
CLARK CANYON	255.6	41.6	49.6	141.1
RUBY RIVER	38.8	22.1	22.8	23.7

JEFFERSON RIVER BASIN
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BEAVERHEAD	8	125	101
RUBY	5	128	89
BIGHOLE	10	110	95
BOULDER	8	129	92
JEFFERSON RIVER BASIN	26	123	96

MADISON RIVER BASIN as of February 1, 2004

Snowpack conditions in the Madison River Basin were above average and decreased 9 percent from January 1. Snow water content was 107 percent of average and 146 percent of last year.

Mountain and valley precipitation during January was 92 percent of average and 95 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 104 percent of average and 146 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 95 percent to 103 percent.

Ennis Lake storage was 95 percent of average and 99 percent of last year and Hebgen Lake storage was 107 percent of average and 97 percent of last year.

Surface Water Supply Index (SWSI) was +0.2 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - February 1, 2004

<=== Drier ===	Future Conditions	=== Wetter ===>

Forecast Pt / Forecast Period	90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
	Chance of Exceeding *						
HEBGEN Reservoir Inflow							
APR-JUL	340	385	415	106	445	490	390
APR-SEP	450	500	535	107	570	620	500
ENNIS Reservoir Inflow (2)							
APR-JUL	540	620	670	99	720	800	680
APR-SEP	680	770	835	98	900	990	850

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

MADISON RIVER BASIN
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********** This Year	Last Year	Average
ENNIS LAKE	41.0	29.6	29.9	31.3
HEBGEN LAKE	377.5	284.0	292.6	266.5

MADISON RIVER BASIN
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MADISON abv HEBGEN LAKE	6	152	117
MADISON blw HEBGEN LAKE	8	141	98
MADISON RIVER BASIN	14	146	107

□ GALLATIN RIVER BASIN as of February 1, 2004

Snowpack conditions in the Gallatin River Basin were near average and decreased 5 percent from January 1. Snow water content was 96 percent of average and 130 percent of last year.

Mountain precipitation during January was 79 percent of average and 76 percent of last year. Valley precipitation during January was 50 percent of average and 23 percent of last year; Mountain and valley water year precipitation, beginning October 1, 2003, was 91 percent of average and 137 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 81 percent to 93 percent.

Middle Creek storage was 135 percent of average and 104 percent of last year.

Surface Water Supply Index (SWSI) was -1.4 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - February 1, 2004

Forecast Pt	<=== Drier === Future Conditions === Wetter ===>
	Chance of Exceeding *

Forecast Period	90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
GALLATIN RIVER nr Gateway							
APR-JUL	330	385	425	97	465	520	440
APR-SEP	385	450	495	96	540	605	515
HYALITE RESERVOIR Inflow							
APR-JUL	14.1	17.3	19.5	89	22	25	22
APR-SEP	16.3	20	22	88	24	28	25
HYALITE CREEK nr Bozeman (2)							
APR-JUL	21	27	31	91	35	41	34
APR-SEP	25	32	36	92	40	47	39
GALLATIN RIVER at Logan (2)							
APR-JUL	270	390	470	95	550	670	495
APR-SEP	325	455	545	96	635	765	570

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

GALLATIN RIVER BASIN
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********** This Year	Last Year	Average
MIDDLE CREEK	10.2	5.8	5.6	4.3

GALLATIN RIVER BASIN
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER GALLATIN	4	150	103
HYALITE	3	113	83
BRIDGER	2	112	98
GALLATIN RIVER BASIN	9	130	96

MISSOURI MAINSTEM RIVER BASIN as of February 1, 2004

Snowpack conditions in the Headwaters Missouri Mainstem River Basin were near average and decreased 9 percent from January 1. Snow water content was 95 percent of average and 124 percent of last year.

Mountain precipitation during January was 89 percent of average and 81 percent of last year. Valley precipitation during January was 147 percent of average and 218 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 109 percent of average and 156 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 81 percent to 96 percent.

Canyon Ferry Lake storage was 89 percent of average and 88 percent of last year; Helena Valley storage was 107 percent of average and 89 percent of last year; Lake Helena storage was 85 percent of average and the 102 percent of last year; Hauser & Helena storage was 118 percent of average and 101 percent of last year; Holter Lake storage was 102 percent of average and 99 percent of last year; and Fort Peck Lake storage was 66

percent of average and 89 percent of last year.

Surface Water Supply Index (SWSI) was -0.6 in the Missouri River above Canyon Ferry; -0.6 in the Missouri River below Canyon Ferry; -1.8 the Dearborn River near Craig; -0.6 in the Missouri River above Fort Peck; and -3.9 the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
MISSOURI RIVER at Toston (2)							
APR-JUL	1340	1740	2010	98	2280	2680	2050
APR-SEP	1560	2020	2340	98	2660	3120	2390
PRICKLY PEAR CREEK nr Clancy							
APR-JUL	9.4	14.5	17.9	85	21	26	21
APR-SEP	11.6	17.8	22	88	26	32	25
DEARBORN nr Craig							
APR-JUL	39	80	107	88	134	175	121
APR-SEP	45	87	116	93	145	187	125
MISSOURI RIVER at Fort Benton (2)							
APR-JUL	1981	2564	2960	99	3357	3937	2990
APR-SEP	2371	3067	3540	99	4011	4711	3570
MISSOURI RIVER at Virgelle (2)							
APR-JUL	2310	2970	3420	99	3830	4420	3450
APR-SEP	2720	3490	4000	99	4510	5200	4060
MISSOURI RIVER nr Landusky (2)							
APR-JUL	2412	3131	3620	98	4110	4830	3690
APR-SEP	2845	3694	4270	98	4846	5691	4350
MISSOURI RIVER below Fort Peck (2)							
APR-JUL	2515	3244	3740	100	4236	4966	3740
APR-SEP	2932	3776	4350	101	4926	5771	4330
LAKE SAKAKAWEA Inflow (2)							
APR-JUL	6060	7959	9250	95	10544	12444	9740
APR-SEP	6932	9116	10600	95	12081	14271	11200

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

MISSOURI MAINSTEM RIVER BASIN
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********** This Year	Last Year	Average
CANYON FERRY LAKE	2043.0	1409.0	1604.0	1576.1
HELENA VALLEY	9.2	4.7	5.3	4.4
LAKE HELENA	10.4	11.1	10.9	13.0
HAUSER & HELENA	61.9	74.8	74.0	63.2
HOLTER LAKE	81.9	81.0	81.6	79.4
FORT PECK LAKE	18910.0	9807.0	11000.0	14887.0

MISSOURI MAINSTEM RIVER BASIN
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
HEADWATERS MAINSTEM	8	124	95
SMITH-JUDITH-MUSSELSHELL	10	147	109
SUN-TETON-MARIAS	7	186	97
MAINSTEM ab FT PECK RES	24	154	101
MILK RIVER BASIN	4	975	163
MISSOURI MAINSTEM BASIN	27	166	105

SMITH-JUDITH-MUSSELSHELL RIVER BASINS as of February 1, 2004

Snowpack conditions in the Smith-Judith-Musselshell River Basins were above average and the same percentage as January 1. Snow water content in the Smith River Basin was 103 percent of average and 136 percent of last year; the Judith River Basin was 110 percent of average and 155 percent of last year; and the Musselshell Basin River was 115 percent of average and 166 percent of last year.

Mountain and valley precipitation during January in the Smith-Belts was 112 percent of average and 100 percent of last year; in the Judith was 98 percent of average and 108 percent of last year; and in the Musselshell was 84 percent of average and 69 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 114 percent of average and 165 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 83 percent to 102 percent.

Smith River storage was 71 percent of average and 107 percent of last year; Bair storage was 44 percent of average and 107 percent of last year; Martinsdale storage was 27 percent of average and 270 percent of last year; and Deadman's Basin was 31 percent of average and 93 percent of last year.

Surface Water Supply Index (SWSI) was -0.1 in the Smith River and -0.1 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
	Chance of Exceeding *						
SHEEP CREEK nr White Sulphur Spgs.							
APR-JUL	13.4	16.3	18.3	107	20	23	17.1
APR-SEP	15.5	18.8	21	105	23	27	20
SMITH RIVER abv Eagle Creek							
APR-JUL	123	156	178	102	200	233	175
APR-SEP	143	183	210	100	235	275	210
NF MUSSELSHELL nr Delpine							
APR-JUL	2.50	3.90	4.90	107	5.90	7.30	4.60
APR-SEP	3.00	4.70	5.80	107	6.90	8.60	5.40
SF MUSSELSHELL abv Martinsdale							
APR-JUL	12.6	34	48	92	62	83	52
APR-SEP	14.5	37	52	93	67	89	56
MUSSELSHELL at Harlowton (2)							
APR-JUL	41	63	78	101	93	115	77
APR-SEP	44	67	82	101	97	120	81

MUSSELSHELL nr Roundup (2)							
APR-JUL	53	82	101	102	120	149	99
APR-SEP	55	84	103	101	122	151	102

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********** This Year	Last Year	Average
SMITH RIVER	10.6	4.5	4.2	6.3
BAIR	7.0	1.6	1.5	3.6
MARTINSDALE	23.1	2.8	1.0	10.1
DEADMAN'S BASIN	72.2	14.6	15.7	46.8

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SMITH	6	136	103
JUDITH	4	155	110
MUSSELSHELL	3	166	115
SMITH-JUDITH-MUSSELSHELL	10	147	109

SUN-TETON-MARIAS RIVER BASINS as of February 1, 2004

Snowpack conditions in the Sun-Teton-Marias River Basins were near average and increased 8 percent from January 1. Snow water content in the Sun River Basin was 102 percent of average and 167 percent of last year; in the Teton River Basin was 94 percent of average and 185 percent of last year; and in the Marias River Basin was 95 percent of average and 193 percent of last year.

Mountain and valley precipitation during January in the Sun was 100 percent of average and 130 percent of last year; in the Teton was 111 percent of average and 116 percent of last year; and in the Marias was 107 percent of average and 167 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 97 percent of average and 164 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 75 percent to 94 percent.

Gibson storage was 45 percent of average and 50 percent of last year; Pishkun storage was 109 percent of average and 99 percent of last year; Willow Creek storage was 87 percent of average and 72 percent of last year; Lower Two Medicine Lake storage was 0 percent of average and 0 percent of last year; Four Horns Lake storage was 2 percent of average and 2 percent of last year; Swift storage was 105 percent of average and 100 percent of last year; Lake Frances storage was 69 percent of average and 51 percent of last year; and Lake Elwell (Tiber) storage was 118 percent of average and 98 percent of last year.

Surface Water Supply Index (SWSI) was -0.8 in the Sun River; -0.7 in the Teton River; -1.7 in the Birch/Dupuyer Creeks; -1.8 in the Marias River above Tiber, and 0.0 in the Marias below Tiber.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === Future Conditions === Wetter ===> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
GIBSON Reservoir Inflow							
APR-JUL	345	405	450	98	495	555	460
APR-SEP	390	455	500	99	545	610	505
TWO MEDICINE RIVER nr Browning							
APR-JUL	122	167	198	97	227	272	205
APR-SEP	133	179	210	98	242	287	215
BADGER CREEK nr Browning (2)							
APR-JUL	61	82	97	98	112	133	99
APR-SEP	74	97	113	98	129	152	115
SWIFT RESERVOIR Inflow							
APR-JUL	35	52	64	100	76	93	64
APR-SEP	47	65	77	100	89	107	77
DUPUYER CREEK nr Valier							
APR-JUL	2.6	8.9	13.9	99	20	30	14.0
APR-SEP	3.0	10.0	15.6	99	22	32	15.7
CUT BANK CREEK at Cut Bank							
APR-JUL	45	62	73	90	84	101	81
APR-SEP	52	70	82	91	94	112	90
MARIAS RIVER nr Shelby (2)							
APR-JUL	217	325	395	95	465	575	415
APR-SEP	237	345	420	96	495	605	440
TETON nr Dutton							
APR-JUL	5.5	24	38	75	52	73	51
APR-SEP	10.8	32	46	78	60	81	59

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

SUN-TETON-MARIAS RIVER BASINS
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********** This Year	Last Year	Average
GIBSON	99.1	20.8	41.3	45.8
PISHKUN	32.0	19.4	19.6	17.8
WILLOW CREEK	32.2	19.4	26.8	22.4
LOWER TWO MEDICINE LAKE	11.9	0.0	4.0	8.8
FOUR HORNS LAKE	19.2	0.2	11.1	11.9
SWIFT	30.0	16.3	16.3	15.5
LAKE FRANCES	112.0	46.1	90.7	66.8
LAKE ELWELL (TIBER)	1347.0	746.8	760.9	635.5

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SUN	2	167	102
TETON	3	185	94
MARIAS	4	193	95
SUN-TETON-MARIAS	7	186	97

ST. MARY and MILK RIVER BASINS as of February 1, 2004

Snowpack conditions in the St. Mary and Milk River Basins were above average and increased 10 percent from January 1. Snow water content in the Saint Mary River Basin was 92 percent of average and 126 percent of last year. Snow water content in the Bearpaw Mountains was 163 percent of average. Snow water content for the Cypress Hills in Canada was 150 percent of average.

Mountain and valley precipitation in the St. Mary River Basin during January was 105 percent of average and 122 percent of last year; and in the Milk River Basin during January was 186 percent of average and 300 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 106 percent of average and 159 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 71 percent to 88 percent.

Lake Sherburne storage was 54 percent of average and 123 percent of last year; Fresno storage was 35 percent of average and 36 percent of last year; Beaver Creek storage was 82 percent of average and 67 percent of last year; and Nelson storage was 81 percent of average and 72 percent of last year.

Surface Water Supply Index (SWSI) was -2.3 for the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
LAKE SHERBURNE Inflow							
APR-JUL	81	90	96	91	102	111	105
APR-SEP	99	107	113	93	119	127	122
ST. MARY RIVER nr Babb (2)							
APR-JUL	295	330	355	92	380	415	385
APR-SEP	350	390	415	92	440	480	450
ST. MARY RIVER at US/CAN Border (2)							
APR-JUL	320	370	405	93	440	490	435
APR-SEP	385	440	475	92	510	565	515
MILK RIVER @ Western Crossing (3)							
MAR-JUL	8.6	16.4	23	56	30	39	41
MAR-SEP	8.6	17.2	25	58	31	42	43
MILK RIVER @ Milk River, AB (2,3)							
MAR-JUL	13.5	26	38	59	46	60	64
MAR-SEP	13.2	28	41	59	50	64	69
MILK RIVER @ Eastern Crossing(2,3)							
MAR-JUL	16.7	33	48	58	60	79	83
MAR-SEP	17.5	35	51	58	63	84	88
BEAVER CREEK near Havre							
MAR-JUL	2.60	5.70	7.80	81	9.90	13.00	9.60

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Produced with the cooperation of Alberta Environment Water Supply Forecast Center

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********** This Year	Last Year	Average
LAKE SHERBURNE	64.3	13.0	10.6	24.0
FRESNO	127.0	17.7	49.4	50.1
BEAVER CREEK	3.5	1.8	2.7	2.2
NELSON	66.8	27.6	38.5	34.2

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
ST. MARY	2	126	92
BEARPAW MOUNTAINS	4	975	163
CYPRESS HILLS, CANADA	0	0	0
MILK RIVER BASIN	4	975	163
ST. MARY & MILK BASINS	6	177	107

UPPER YELLOWSTONE RIVER BASIN as of February 1, 2004

Snowpack conditions in the Upper Yellowstone River Basin were below average and decreased 7 percent from January 1. Snow water content was 88 percent of average and 104 percent of last year.

Mountain precipitation during January was 73 percent of average and 56 percent of last year. Valley precipitation during January was 44 percent of average and 36 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 90 percent of average and 110 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 85 percent to 96 percent.

Mystic Lake storage was 94 percent of average and 100 percent of last year and Cooney storage was 113 percent of average and 89 percent of last year.

Surface Water Supply Index (SWSI) was 0.0 in the Yellowstone River above Livingston; 0.0 in the Shields River; -2.1 in the Boulder River; -1.6 in the Stillwater River; -1.4 in the Rock/Red lodge Creeks; -1.7 in the Clarks Fork River; and -0.7 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === Future Conditions === Wetter ===> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
YELLOWSTONE at Lake Outlet							

APR-JUL	445	515	565	96	615	685	590
APR-SEP	590	680	745	93	810	900	805
YELLOWSTONE RIVER at Corwin Springs							
APR-JUL	1330	1500	1620	98	1740	1910	1650
APR-SEP	1600	1800	1940	99	2080	2280	1970
YELLOWSTONE RIVER near Livingston							
APR-JUL	1610	1770	1870	98	1970	2130	1900
APR-SEP	1950	2130	2250	99	2370	2550	2280
SHIELDS RIVER nr Livingston							
APR-JUL	84	130	161	111	192	240	145
APR-SEP	92	145	180	111	217	267	162
BOULDER RIVER at Big Timber							
APR-JUL	194	240	270	95	300	345	285
APR-SEP	210	255	290	92	325	370	315
MYSTIC LAKE Reservoir Inflow (2)							
APR-JUL	48	54	58	98	62	68	59
APR-SEP	62	69	74	97	79	86	76
STILLWATER RIVER nr Absarokee (2)							
APR-JUL	350	410	455	92	500	560	495
APR-SEP	425	495	540	92	585	655	585
CLARKS FORK RIVER nr Belfry							
APR-JUL	410	470	510	94	550	610	540
APR-SEP	455	515	555	93	595	655	595
COONEY RESERVOIR Inflow (2)							
APR-JUL	12.7	29	40	85	51	67	47
APR-SEP	22	39	50	88	61	78	57
YELLOWSTONE RIVER at Billings (2)							
APR-JUL	2410	2960	3330	95	3700	4250	3510
APR-SEP	2820	3460	3900	95	4340	4980	4120

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********** This Year	Last Year	Average
MYSTIC LAKE	21.0	6.0	6.0	6.4
COONEY	27.4	17.7	20.0	15.6

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
YELLOWSTONE ab LIVINGSTON	15	104	89
SHIELDS	4	121	97
BOULDER-STILLWATER	3	111	84
RED LODGE-ROCK CREEK	1	102	70
CLARK'S FORK	7	93	85
UPPER YELLOWSTONE BASIN	26	104	88

LOWER YELLOWSTONE RIVER BASIN as of February 1, 2004

Snowpack conditions in the Lower Yellowstone River Basin were below average and decreased 12 percent from January 1. Snow water content was 82 percent of average and 109 percent of last year.

Mountain and valley precipitation during January was 63 percent of average and 57 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2003, was 85 percent of average and 109 percent of last year.

Assuming near average precipitation, January through July, the spring and early summer streamflow forecasts average 65 percent to 79 percent. Bighorn Lake storage was 81 percent of average and 113 percent of last year and Tongue River storage was 139 percent of average and 202 percent of last year.

Surface Water Supply Index (SWSI) was -2.1 in the Bighorn River below Bighorn Lake; -2.8 in the Little Bighorn River; -1.3 in the Yellowstone River below Bighorn River; -2.4 in the Tongue River; and -1.2 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - February 1, 2004

Forecast Pt / Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (1000AF)	50% (% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
BIGHORN RIVER nr St. Xavier (2)							
APR-JUL	960	1210	1380	86	1550	1800	1610
APR-SEP	1060	1330	1520	86	1710	1980	1760
LITTLE BIGHORN RIVER nr Hardin							
APR-JUL	43	73	94	73	115	145	128
APR-SEP	51	84	107	74	130	163	144
TONGUE RIVER nr Dayton (2)							
APR-JUL	45	62	73	76	84	101	96
APR-SEP	53	72	84	77	96	115	109
BIG GOOSE CREEK nr Sheridan							
APR-JUL	15.5	29	38	73	47	61	52
APR-SEP	23	37	46	77	55	69	60
LITTLE GOOSE CREEK nr Big Horn							
APR-JUL	14.7	21	26	77	31	37	34
APR-SEP	21	29	34	81	39	47	42
TONGUE RIVER RESERVOIR Inflow (2)							
APR-JUL	63	118	156	71	194	250	220
APR-SEP	80	138	178	71	220	275	250
YELLOWSTONE RIVER at Miles City (2)							
APR-JUL	3480	4310	4880	91	5450	6280	5360
APR-SEP	4010	4980	5640	91	6300	7270	6210
POWDER RIVER at Moorehead							
APR-JUL	73	134	175	85	216	276	205
APR-SEP	93	154	196	85	236	301	230
POWDER RIVER near Locate							
APR-JUL	124	161	186	79	211	246	235
APR-SEP	137	177	205	79	235	275	260
YELLOWSTONE RIVER nr Sidney (2)							
APR-JUL	3550	4410	4990	91	5570	6430	5480

APR-SEP	4040	5020	5690	91	6360	7340	6280

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.

LOWER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000AF) End of January

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BIGHORN LAKE	1356.0	699.3	616.4	859.5
TONGUE RIVER	79.1	45.8	32.9	22.7

LOWER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - February 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WIND RIVER (Wyoming)	19	113	79
SHOSHONE RIVER (Wyoming)	7	95	81
BIGHORN RIVER (Wyoming)	21	108	84
LITTLE BIGHORN (Wyoming)	3	100	75
TONGUE RIVER (Wyoming)	11	98	77
POWDER RIVER (Wyoming)	9	138	91
LOWER YELLOWSTONE BASIN (Wyo	49	109	82

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